Public Safety IT Infrastructure

Joint Legislative Oversight Committee on Information Technology
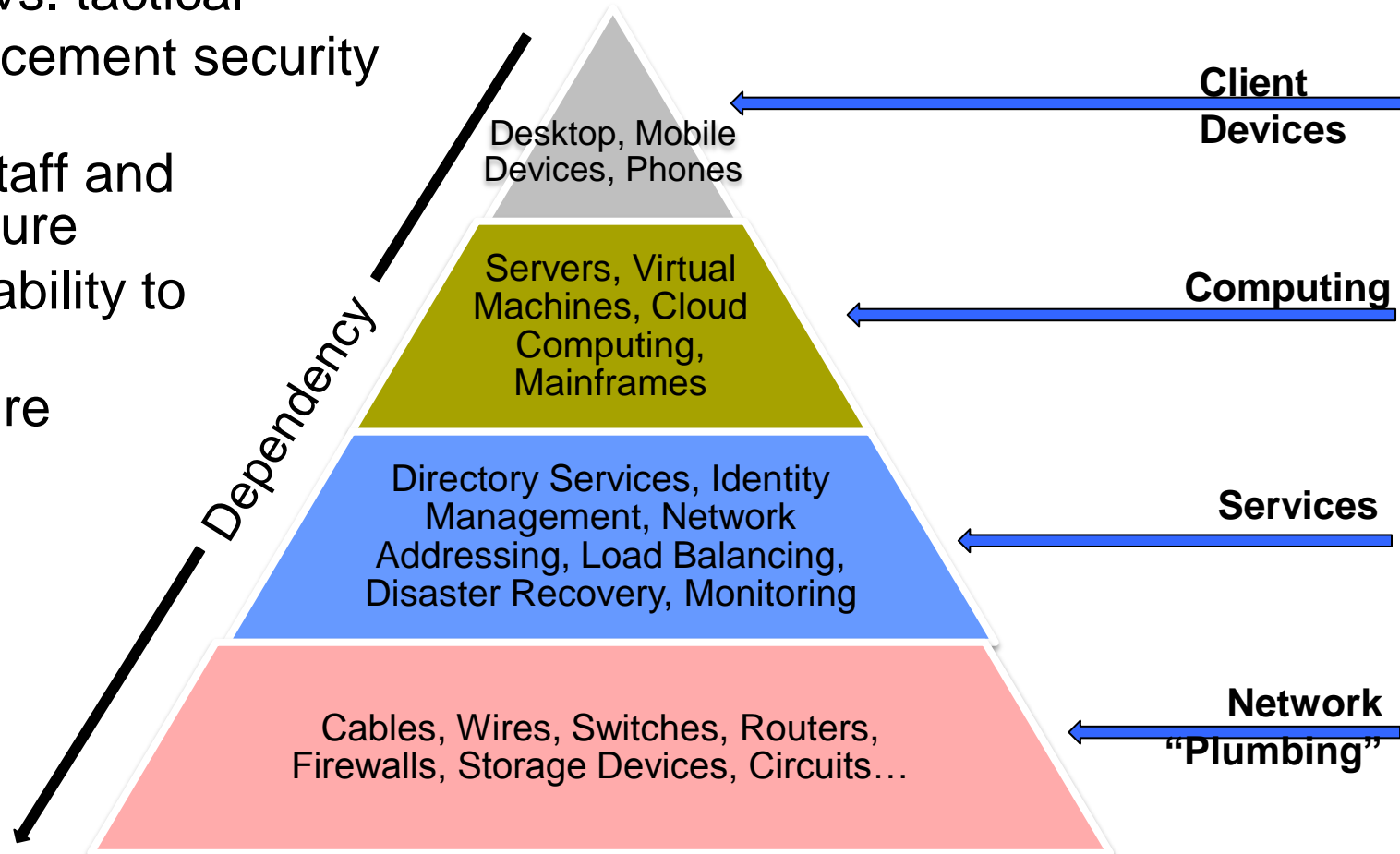
Bob Brinson – DPS

Jonathan Womer- ITS

- Public Safety Consolidation
  - Session law 2011-145
  - Correction, Juvenile Justice, CCPS
  - Multiple locations, about 26,000 employees
- Enterprise (state) IT Consolidation
  - SB 991 (2004)
  - 2005-2008 - 13 smaller agencies consolidated into ITS services including Juvenile Justice
  - See March 2012 consolidation report

Infrastructure Considerations

- Limited resources
- Strategic vs. tactical
- Law enforcement security concerns
- Existing staff and infrastructure
- Risk and ability to execute
- Architecture

Dependency

Desktop, Mobile Devices, Phones — **Client Devices**

Servers, Virtual Machines, Cloud Computing, Mainframes — **Computing**

Directory Services, Identity Management, Network Addressing, Load Balancing, Disaster Recovery, Monitoring — **Services**

Cables, Wires, Switches, Routers, Firewalls, Storage Devices, Circuits… — **Network "Plumbing"**

Planned Projects

- Email – ITS will provide email service
  - Remaining 2,900 DPS employees will migrate to ITS email
  - Law enforcement personnel last
- Hosting – DPS will consolidate hosting at JFHQ data center
  - Will utilize ITS Western Data Center for Disaster Recovery and backup
- Active Directory – ITS will provide active directory services
  - Time deadlines

Planned Projects, continued

- Desktop and LAN – DPS will consolidate from ITS
  - ITS currently supports about 1,650 desktops from the old Department of Juvenile Justice and Delinquency Prevention.
  - The rest of the new DPS has roughly 12,000 desktops.
- Wide Area Network (WAN)– ITS will provide all WAN support
  - About 11 circuits will be moved from DPS to ITS
- Voice Over IP– DPS will finish rolling out VoIP system